

# SOLUNA

POWER DESIGNED FOR NIGHT AND DAY

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## POWER CELL 150K COMMERCIAL & INDUSTRIAL

## Highly Integrated

The battery cabinet contains battery packs, air conditioning, fire protection and other equipment.

## Quick Installation

Plug and play, all parts preassembly for delivery.

## Multiple Protection

- Built-in smoking sensor, temperature sensor, temperature control, and fire protection system to monitor the real time of internal battery status.
- And the effective pressure relief cabinet design stop risks inside.

## Maintenance Ease

- Localized simplified operation and maintenance, and remote trouble shooting and upgrades.
- Cluster-level management, each cluster voltage is independently controlled.
- APP real-time monitoring, and interface open to EMS

## APPLICATIONS



## TECHNICAL SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

Dimension(WxDxH,mm)	1200x1050x2050/Cabinet (Battery Only)
Weight (kg)	1800 /Cabinet (Battery Only)
Protection Level	IP 55

### ELECTRICAL CHARACTERISTICS

Battery Cabinets	1	2	3	4	5
Battery Type	LiFePO4				
Rated Energy Capacity (kWh)	150	300	450	600	750
Usable Energy Capacity (kWh)	135	270	405	540	675
Rated Battery Capacity (Ah)	200	400	600	800	1000
Rated Charging/Discharge Current(A)	100/100	200/200	300/300	400/400	500/500
Max Charging/Discharge Current (A)	100/200	200/400	300/600	400/800	500/1000
Nominal Voltage (V)	769				
Usable Voltage Range (V)	672-840				
Depth of Discharge (%)	80				
Round-Trip Efficiency (%)	≥93				
Cycle Life	6000				
DC Disconnect	Contactor/Fuse				
BMS Communication	CAN				

### OPERATING CONDITIONS

Installation	Indoor /outdoor
Operating Temperature	-20~50°C
Operating Temperature (Recommended)	15~30°C
Storage Temperature	-20~60°C
Storage Temperature (Recommended)	15~30°C
Humidity	5%~95%
Altitude	Max. 2,000 m
Cooling Method	Internal Air Conditioning

### RELIABILITY AND CERTIFICATION

Compliance Standard	IEC62619, CE, UN38.3
Warranty	5 Years